

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Dodonaea viscosa*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	21,22-DIANGELOYL-BARRINGTOGENOL-C	Stem	--	--		
0	21,22-DIANGELOYL-R1-BARRINGENOL	Stem	--	--		
0	21-ANGELOYL-R1-BARRINGENOL	Stem	--	--		
0	3,6,4'-TRIMETHOXY-5,7-DIHYDROXYFLAVONE	Shoot	--	--		
0	4H-1-BENZOPYRAN-4-ONE	Shoot	--	--		
0	5,7,4'-TRIHYDROXY-3',6'-DIMETHOXYFLAVONE	Shoot	--	--		
0	5,7-DIHYDROXY-3,6-DIMETHOXY-2-(4-METHOXYPHENYL)-FLAVONE	Shoot	--	--		
0	5-HYDROXY-3,6,7,4'-TETRAMETHOXYFLAVONE	Shoot	--	--		
0	ALIARIN	Shoot	--	--		
0	ALKALOID	Leaf	200	200	-1	
0	ARACHIDIC-ACID	Seed	2850	10185	0.34129656390993335	
1	BEHENIC-ACID	Seed	1650	4125	-0.2919096522553396	
47	BETA-SITOSTEROL	Seed	--	--		
102	CAFFEIC-ACID	Plant	--	--		
0	CLEOMISCOSIN	Stem	--	--		
7	CYANIDIN	Plant	--	--		
0	DODOGENIN	Seed	--	--		
0	DODONIC-ACID	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DODONIN	Seed	30000	30000		
2	ERUCIC-ACID	Plant	--	--		
0	FAT	Seed	76000	190000	-0.3970934091461325	
0	HAUTRIWAIC-ACID	Leaf	--	--		
0	HENTRIACONTANE	Leaf	--	--		
14	HYPERIN	Leaf	--	--		
14	HYPERIN	Fruit	--	--		
11	ISORHAMNETIN	Shoot	--	--		
0	ISORHAMNETIN-3-O-RHAMNOSYLGALACTOSIDE	Shoot	--	--		
0	ISORHAMNETIN-3-O-RUTINOSIDE	Leaf	--	--		
0	ISORHAMNETIN-3-O-RUTINOSIDE	Fruit	--	--		
75	KAEMPFEROL	Plant	--	--		
0	KAEMPFEROL-3',4',7-TRIMETHYLETHER	Flower	--	--		
0	KAEMPFEROL-3,7-DIMETHYLETHER	Flower	--	--		
27	LINOLEIC-ACID	Seed	22670	108470	0.011548113088631904	
0	LINOLENIC-ACID	Seed	1190	2980	-0.5278387384266914	
18	OLEIC-ACID	Seed	12500	45315	-0.6065843048605487	
13	PALMITIC-ACID	Seed	8580	24900	-0.1858332560422677	
4	PENDULETIN	Shoot	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	PHYTOSTEROLS	Leaf	--	--		
9	PINOCEMBRIN	Shoot	--	--		
0	PROTEIN	Seed	204000	214000	-0.17609627257566335	
176	QUERCETIN	Plant	--	--		
2	QUERCETIN-3-O-GALACTOSIDE	Leaf	--	--		
0	QUERCETIN-3-O-RUTINOSIDE	Leaf	--	--		
1	QUERCETOL	Flower	--	--		
0	QUERCETOL-3-ARABINOSIDE?	Flower	--	--		
0	RESIN	Leaf	66400	66400	0.5279697013369913	
87	RUTIN	Leaf	--	--		
87	RUTIN	Fruit	--	--		
0	SANTIN	Shoot	--	--		
0	SAPONIN	Seed	--	--		
8	STEARIC-ACID	Seed	7490	31400	0.11588333471108414	
0	STIGMAST-5-EN-3-OL	Shoot	--	--		
12	STIGMASTEROL	Stem	--	--		
35	TANNIN	Bark	58000	58000	-0.7268083945102009	
35	TANNIN	Leaf	59800	59800	-0.6193147659493717	